



482655

Facility name: Bee Chemical CompanyLocation: 2700 E. 170th St., Lansing, ILEPA Region: 5Person(s) in charge of the facility: Bonnie ElederIllinois EPA(312) 345-9780

Name of Reviewer: _____ Date: _____

General description of the facility:

(For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

Facility generates spent solvents (FOO3 and FOO5) which are stored on-site in outside storage tanks. These solvents are hauled to a reclaimer on a weekly basis.

The facility is located within a residential area with homes to the east and southeast. A small lake is also located nearby.

Scores: $S_M =$ ($S_{gw} =$ $S_{sw} =$ $S_a =$) $S_{FE} =$ $S_{DC} =$

FIGURE 1
HRS COVER SHEET

Ground Water Route Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
1 Observed Release	<u>0</u> 45	1	<u>0</u>	45	3.1	
If observed release is given a score of 45, proceed to line 4 . If observed release is given a score of 0, proceed to line 2 .						
2 Route Characteristics					3.2	
Depth to Aquifer of Concern	0 1 <u>2</u> 3	2		6		
Net Precipitation	0 <u>1</u> 2 3	1	<u>1</u>	3		
Permeability of the Unsaturated Zone	0 <u>1</u> 2 3	1	<u>1</u>	3		
Physical State	0 1 2 <u>3</u>	1	<u>3</u>	3		
Total Route Characteristics Score				15		
3 Containment	0 <u>1</u> 2 3	1	<u>1</u>	3	3.3	
4 Waste Characteristics					3.4	
Toxicity/Persistence	0 3 6 9 <u>12</u> 15 18	1	<u>12</u>	18		
Hazardous Waste Quantity	0 1 <u>2</u> 3 4 5 6 7 8	1	<u>2</u>	8		
Total Waste Characteristics Score				<u>14</u>	26	
5 Targets					3.5	
Ground Water Use	0 1 2 3	3		9		
Distance to Nearest Well/Population Served	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1		40		
Total Targets Score					49	
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5				57,330		
7 Divide line 6 by 57,330 and multiply by 100				S _{gw} =		

FIGURE 2
GROUND WATER ROUTE WORK SHEET

Surface Water Route Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi- plier	Score	Max. Score	Ref. (Section)	
1 Observed Release	0 45	1		45	4.1	
If observed release is given a value of 45, proceed to line 4 . If observed release is given a value of 0, proceed to line 2 .						
2 Route Characteristics					4.2	
Facility Slope and Intervening Terrain	<u>0</u> 1 2 3	1	0	3		
1-yr. 24-hr. Rainfall	0 1 <u>2</u> 3	1	2	3		
Distance to Nearest Surface Water	0 1 <u>2</u> 3	2	4	6		
Physical State	0 1 2 <u>3</u>	1	3	3		
Total Route Characteristics Score			9	15		
3 Containment	0 <u>1</u> 2 3	1	1	3	4.3	
4 Waste Characteristics					4.4	
Toxicity/Persistence	0 3 6 9 <u>12</u> 15 18	1		18		
Hazardous Waste Quantity	0 1 <u>2</u> 3 4 5 6 7 8	1		8		
Total Waste Characteristics Score			14	26		
5 Targets					4.5	
Surface Water Use	0 1 2 3	3		9		
Distance to a Sensitive Environment	<u>0</u> 1 2 3	2	0	6		
Population Served/Distance to Water Intake Downstream	<div style="display: inline-block; vertical-align: middle;"> <u>0</u> 4 6 8 10 12 16 18 20 24 30 32 35 40 </div>	1	0	40		
Total Targets Score				55		
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5				64,350		
7 Divide line 6 by 64,350 and multiply by 100			$S_{sw} =$			

FIGURE 7
SURFACE WATER ROUTE WORK SHEET

Air Route Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
[1] Observed Release	0 45	1	0	45	5.1	
Date and Location:						
Sampling Protocol:						
If line [1] is 0, the $S_a = 0$. Enter on line [5] . If line [1] is 45, then proceed to line [2] .						
[2] Waste Characteristics					5.2	
Reactivity and Incompatibility	0 1 2 3	1		3		
Toxicity	0 1 2 3	3		9		
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8		
Total Waste Characteristics Score				20		
[3] Targets					5.3	
Population Within 4-Mile Radius	0 9 12 15 18 21 24 27 30	1		30		
Distance to Sensitive Environment	0 1 2 3	2		6		
Land Use	0 1 2 3	1		3		
Total Targets Score				39		
[4] Multiply [1] x [2] x [3]				35,100		
[5] Divide line [4] by 35,100 and multiply by 100				$S_a = 0$		

FIGURE 9
AIR ROUTE WORK SHEET

	S	S ²
Groundwater Route Score (S _{gw})		
Surface Water Route Score (S _{sw})		
Air Route Score (S _a)	0	0
$S_{gw}^2 + S_{sw}^2 + S_a^2$		
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$		
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} / 1.73 = S_M =$		

FIGURE 10
WORKSHEET FOR COMPUTING S_M

Fire and Explosion Work Sheet						
Rating Factor	Assigned Value (Circle One)		Multi- plier	Score	Max. Score	Ref. (Section)
1 Containment	1	3	1		3	7.1
2 Waste Characteristics						7.2
Direct Evidence	0	3	1		3	
Ignitability	0	1 2 3	1		3	
Reactivity	0	1 2 3	1		3	
Incompatibility	0	1 2 3	1		3	
Hazardous Waste Quantity	0	1 2 3 4 5 6 7 8	1		8	
Total Waste Characteristics Score					20	
3 Targets						7.3
Distance to Nearest Population	0	1 2 3 4 5	1		5	
Distance to Nearest Building	0	1 2 3	1		3	
Distance to Sensitive Environment	0	1 2 3	1		3	
Land Use	0	1 2 3	1		3	
Population Within 2-Mile Radius	0	1 2 3 4 5	1		5	
Buildings Within 2-Mile Radius	0	1 2 3 4 5	1		5	
Total Targets Score					24	
4 Multiply 1 x 2 x 3					1,440	
5 Divide line 4 by 1,440 and multiply by 100				SFE = <i>N/A</i>		

FIGURE 11
FIRE AND EXPLOSION WORK SHEET.

Direct Contact Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
1 Observed Incident	<u>0</u> 45	1	<u>0</u>	45	8.1	
If line 1 is 45, proceed to line 4 If line 1 is 0, proceed to line 2						
2 Accessibility	0 1 <u>2</u> 3	1	<u>2</u>	3	8.2	
3 Containment	0 <u>15</u>	1	<u>15</u>	15	8.3	
4 Waste Characteristics Toxicity	0 1 2 <u>3</u>	5	<u>15</u>	15	8.4	
5 Targets					8.5	
Population Within a 1-Mile Radius	0 1 2 3 4 <u>5</u>	4	<u>20</u>	20		
Distance to a Critical Habitat	<u>0</u> 1 2 3	4	<u>0</u>	12		
Total Targets Score			<u>20</u>	32		
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5				21,600		
7 Divide line 6 by 21,600 and multiply by 100			SDC =			

FIGURE 12
DIRECT CONTACT WORK SHEET

DOCUMENTATION RECORDS
FOR
HAZARD RANKING SYSTEM

INSTRUCTIONS: The purpose of these records is to provide a convenient way to prepare an auditable record of the data and documentation used to apply the Hazard Ranking System to a given facility. As briefly as possible summarize the information you used to assign the score for each factor (e.g., "Waste quantity - 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference that will make the document used for a given data point easier to find. Include the location of the document and consider appending a copy of the relevant page(s) for ease in review.

FACILITY NAME:

Bee Chemical Company

LOCATION:

2700 E. 170th St, Lansing, IL

GROUND WATER ROUTE

1 OBSERVED RELEASE

Contaminants detected (5 maximum):

N/A

Rationale for attributing the contaminants to the facility:

N/A

* * *

2 ROUTE CHARACTERISTICS

Depth to Aquifer of Concern

Name/description of aquifer(s) of concern:

Depth(s) from the ground surface to the highest seasonal level of the saturated zone [water table(s)] of the aquifer of concern:

Depth from the ground surface to the lowest point of waste disposal/storage:

0 feet - wastes stored in tanks
on ground

References: 1(47 FR 31224), 2



Net Precipitation

Mean annual or seasonal precipitation (list months for seasonal):

34 in.

References: 1(47 FR 31224), 3 (p. 43)

Mean annual lake or seasonal evaporation (list months for seasonal):

30 in.

References: 1(47 FR 31224), 3 (p. 63)

Net precipitation (subtract the above figures):

4 in.

References: 1(47 FR 31224), 3 (pp. 43+63)

Permeability of Unsaturated Zone

Soil type in unsaturated zone:

Silt + clay

References: 1(47 FR 31224), 4 (pp. 17+18)

Permeability associated with soil type:

to cm/sec.

References: 1(47 FR 31224)

Physical State

Physical state of substances at time of disposal (or at present time for generated gases):

Liquid

References: 1(47 FR 31229), 2

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Containers in sound condition, no liner or leachate collection system.

References: 1(47 FR 31229), 2, 5.
Method with highest score:

Above

References: 1(47 FR 31229), 2, 5.

4 WASTE CHARACTERISTICS

Toxicity and Persistence

	<u>Toxicity</u>	<u>Persistence</u>	<u>Matrix Score</u>
Compound(s) evaluated:			
2-butanone (MEK)	3	0	9
Toluene (toluol)	3	1	12
xylene(s) (xylol/s)	3	1	12

References: 1(47 FR 31229), 6, 7
Compound with highest score:

Toluene, xylene

References: 1(47 FR 31229), 6, 7

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

6000 gallons

References: 1(47 FR 31229), 2, 5
Basis of estimating and/or computing waste quantity:

Site has 4 1500-gallon tanks used to contain wastes.

References: 1(47 FR 31229), 2, 5

recycled paper

ecology and environment

5 TARGETS

Ground Water Use

Use(s) of aquifer(s) of concern within a 3-mile radius of the facility:

Distance to Nearest Well

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply:

Distance to above well or building:

Population Served by Ground Water Wells Within a 3-Mile Radius

Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:

Computation of land area irrigated by supply well(s) drawing from aquifer(s) of concern within a 3-mile radius, and conversion to population (1.5 people per acre):

Total population served by ground water within a 3-mile radius:

SURFACE WATER ROUTE

1 OBSERVED RELEASE

Contaminants detected in surface water at the facility or downhill from it (5 maximum):

N/A

Rationale for attributing the contaminants to the facility:

N/A

* * *

2 ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain

Average slope of facility in percent:

0% - site is flat

References: 1/
Name/description of nearest downslope surface water:

Little Calumet River

Average slope of terrain between facility and above-cited surface water body in percent:

0.5 %

Is the facility located either totally or partially in surface water?

No

Is the facility completely surrounded by areas of higher elevation?

No

1-Year 24-Hour Rainfall in Inches

2.5 inches

Distance to Nearest Downslope Surface Water

2000 feet

Physical State of Waste

Liquid

* * *

3 CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Method with highest score:

4 WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated

See section 4 for groundwater route

Compound with highest score:

See section 4 for ground water route

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

3000 gallons

Basis of estimating and/or computing waste quantity:

* * *

5 TARGETS

Surface Water Use

Use(s) of surface water within 3 miles downstream of the hazardous substance:

Is there tidal influence?

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

Distance to critical habitat of an endangered species or national wildlife refuge, if 1 mile or less:

Population Served by Surface Water

Location(s) of water-supply intake(s) within 3 miles (free-flowing bodies) or 1 mile (static water bodies) downstream of the hazardous substance and population served by each intake:

Computation of land area irrigated by above-cited intake(s) and
conversion to population (1.5 people per acre):

Total population served:

Name/description of nearest of above water bodies:

Distance to above-cited intakes, measured in stream miles.

AIR ROUTE

1 OBSERVED RELEASE

Contaminants detected:

Date and location of detection of contaminants

Methods used to detect the contaminants:

Rationale for attributing the contaminants to the site:

* * *

2 WASTE CHARACTERISTICS

Reactivity and Incompatibility

Most reactive compound:

Most incompatible pair of compounds:

Toxicity

Most toxic compound:

Hazardous Waste Quantity

Total quantity of hazardous waste:

Basis of estimating and/or computing waste quantity:

* * *

3 TARGETS

Population Within 4-Mile Radius

Circle radius used, give population, and indicate how determined:

0 to 4 mi

0 to 1 mi

0 to 1/2 mi

0 to 1/4 mi

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

Distance to critical habitat of an endangered species, if 1 mile or less:

Land Use

Distance to commercial/industrial area, if 1 mile or less:

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

Distance to residential area, if 2 miles or less:

Distance to agricultural land in production within past 5 years, if 1 mile or less:

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

FIRE AND EXPLOSION

1 CONTAINMENT

Hazardous substances present:

Type of containment, if applicable:

* * *

2 WASTE CHARACTERISTICS

Direct Evidence

Type of instrument and measurements:

Ignitability

Compound used:

Reactivity

Most reactive compound:

Incompatibility

Most incompatible pair of compounds:

* * *

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility:

Basis of estimating and/or computing waste quantity:

* * *

3 TARGETS

Distance to Nearest Population

Distance to Nearest Building

Distance to Sensitive Environment

Distance to wetlands:

Distance to critical habitat:

Land Use

Distance to commercial/industrial area, if 1 mile or less:

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

Distance to residential area, if 2 miles or less:

Distance to agricultural land in production within past 5 years, if 1 mile or less:

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

Population Within 2-Mile Radius

Buildings Within 2-Mile Radius

DIRECT CONTACT

1 OBSERVED INCIDENT

Date, location, and pertinent details of incident:

* * *

2 ACCESSIBILITY

Describe type of barrier(s):

* * *

3 CONTAINMENT

Type of containment, if applicable:

* * *

4 WASTE CHARACTERISTICS

Toxicity

Compounds evaluated:

Compound with highest score:

* * *

5 TARGETS

Population within one-mile radius

Distance to critical habitat (of endangered species)

recycled paper

ecology and environment



ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

REFERENCE 2
SITE NAME Bee Chemical Co.
SITE ID ILD 005229448

M E M O R A N D U M

DATE: May 9, 1985
TO: File
FROM: Sue Ryan *SAR*
SUBJECT: Illinois/R5-8303-01F
Lansing/Bee Chemical Company IL-0225

A site inspection of the above named facility was conducted on July 25, 1985 by Sue Ryan and Luis Morales. Bee Chemical manufacturers specialty paints for automotive interiors, toys, and computer coverings and produces approximately two million gallons of paint per year. Hazardous wastes generated at the plant consist of spent solvents from tank cleaning. Solvents are stored outside in four 1500 gallon square tanks and are picked up once a week for off site recycling and returned to the site. Two of the tanks are contained in gravel dikes. Surface runoff and cooling water are discharged directly to the storm sewer.

The eleven acre site is fenced on 3 1/2 sides. A swamp borders the unfenced part of the site, and no security guard is present. A ditch along the west property line flows into the Little Calumet River. When the river floods, the Bee Chemical parking lot and the nearby homes usually flood. The parking log is being repaved. Bee Chemical uses municipal water and does not have a well.

SR:3X

L P C F C O 5 5 C

SITE NAME Bee Chemical Co.

(1) (8) (9)

OBSERVATION REPORT - SITE INVENTORY NO. 03115908

SITE ID ILD 005229448

Cook

CO. - L.P.C.

Region # 11

(18)

Date 01/31/84

(20) (25)

Letter Sent (Yes or No) No

(26)

Weather 30° cloudy

Inspector B L E

(27) (29)

Previous Inspection

Previous Correspondence

Site Open: Yes (X) No ()

OPERATIONAL STATUS:

TYPE OF OPERATION:

AUTHORIZATION:

Operating (X)

Landfill ()

Storage ()

E.P.A. Permit ()

Temporarily Closed ()

Random Dump ()

Salvage ()

Variance (X)

Closed Not Covered ()

Other (X)

A.C.D. ()

21(e) ()

Closed and Covered ()

Quantity Received Daily(1-6)

(30)

Board Order ()

Illegal (5) ()

IMPROVED

Apparent Non-

Compliance (5) ()

SAME

31

DETERIORATED

I S or D

(62)

GENERAL REMARKS: An ISS inspection was conducted on this date at the above named facility. Bee Chemical generates spent solvents - E003, E005, E001. It is stored in 3 2000 gallon tanks, located outdoors. It is pumped directly into the waste hauler's tanker truck and is sent to American Chemical in Indiana. The hauler is Mr. Frank. It is shipped out approx. 4x/month.

The facility was in non-compliance for the following:

Lack of contingency plan

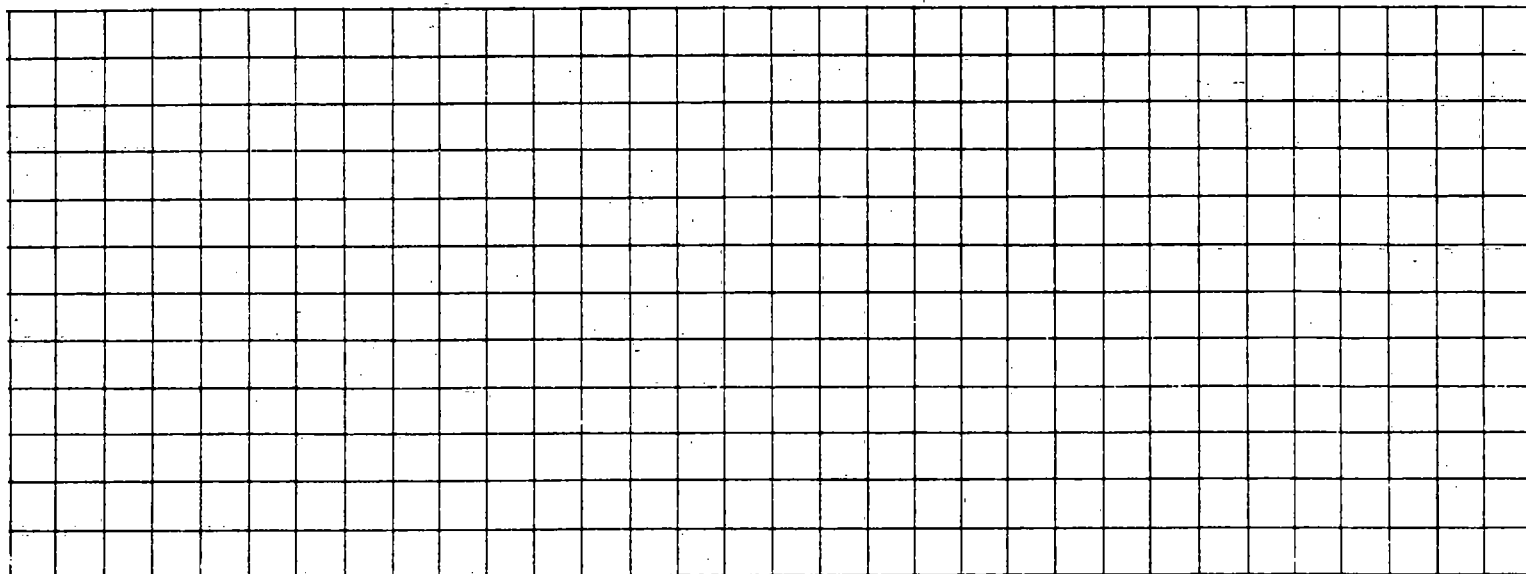
Lack of arrangements with local response groups

Lack of documentation of employee training

INTERVIEW: inspection log

manifests were missing the EPA ID # and had missing or incorrect shipping description.

DIAGRAM:



DATE 5/9/85

TDD # R05-8303-01E

TIME 8:45 AM

SITE Bee Chemical Company

CONTACT Bonnie Eleder

PHONE (312) 345-9780

Illinois EPA

SUBJECT Eleder told me the facility has a state generator ID number, but doesn't need a state license to be a generator. The facility disposes of their waste out-of-state, so they also don't need a state transporting permit. Bee Chemical originally filed for a RCRA permit as a treatment, storage, and/or disposal facility but later withdrew their application because they perform none of these operations. The site only stores spent solvents for a limited time (approx. 1 week) before they are hauled away by a separate waste transporter for disposal at another separate facility.

R. Ekstrom

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
SPECIAL WASTE DISPOSAL APPLICATION

FOR AGENCY USE Log # 12188

THIS APPLICATION FOR WASTE:

Treatment _____
Disposal _____
Storage _____

W C AUTHORIZATION NUMBER 997227 TRANS CODE C DATE ENTERED (Agency Use) 09/21/81

WASTE HAULER

NUMBER 0079 NAME MR FRANK INC
15714 ST COMMUNITY SOUTH HOLLAND
STATE IL ZIP 60473 AREA CODE 312 TELEPHONE 596-3377

WASTE GENERATOR

59000 4G NAME BEE CHEMICAL CO.
170 TH ST COMMUNITY LANSING
STATE IL ZIP 60438 AREA CODE 312 TELEPHONE 474-7000

055 LARLISH

SIC CODE

USEPA GEN. CODE ILDC05229448

WASTE CHARACTERISTICS

GENERIC WASTE NAME ORGANIC SOLVENTS

IUPAC WASTE NAME KEY COMPONENTS ESTIMATED

TOTAL ANNUAL WASTE VOLUME 275000 VOLUME UNITS 2 WASTE PHASE 3

TRANSPORT FREQUENCY 3 WASTE CLASS 40
(Agency Use) 64 65
1 = ONE TIME 5 = MONTHLY
2 = DAILY 6 = BI-MONTHLY
3 = WEEKLY 7 = QUARTERLY
4 = BI-WEEKLY 8 = SEMI-ANNUALLY
1 = CUBIC YARDS
2 = GALLONS
1 = SOLID
2 = SEMI-SOLID
3 = LIQUID
4 = GAS

(Code either "1" for Low, "2" for Medium, or "3" for High as appropriate for columns 21 through 26):

INHALATION TOXICITY 2 DERMAL TOXICITY 2 INGESTIVE TOXICITY 2 INFECTIOUS 2 REACTIVITY 1 EXPLOSIVE 2
FLASH POINT 25°F ALPHA RADIATION 3 (pCi/L) COMPOSITION 1
1 = ORGANIC
2 = INORGANIC

PERCENT ACIDITY 38 PERCENT ALKALINITY 40 pH 4.4 PERCENT TOTAL SOLIDS 47

KEY COMPONENT NAME	PERCENT	KEY COMPONENT NAME	PERCENT
1 ACETONE	25	2 MEK	15
3 TOLUOL	15	4 XYLOL	5
5 WASTE RESIDUE	35	6 WATER	5

USEPA HAZARDOUS WASTE NO. F.O.O.5
(If Hazardous)

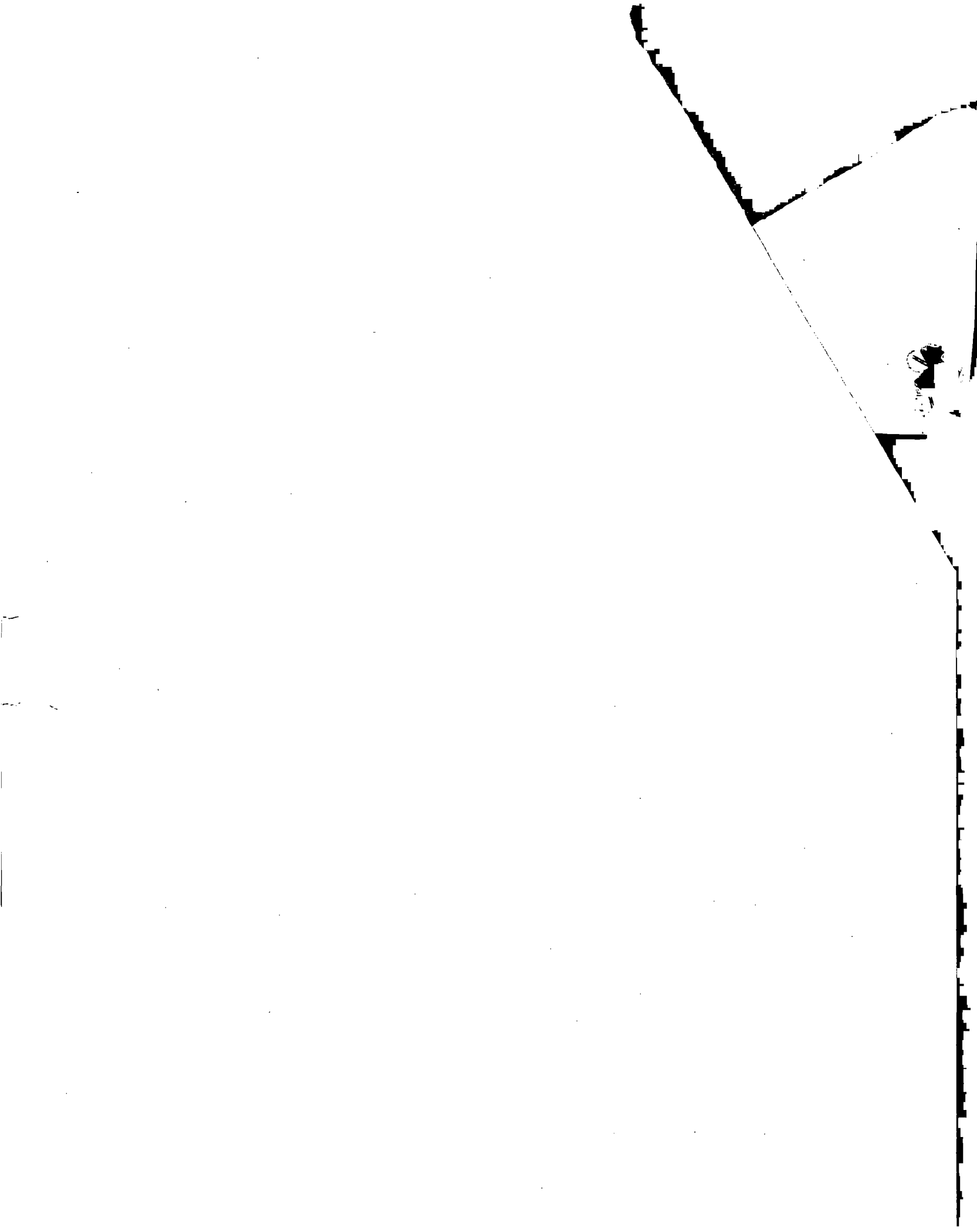
RECEIVED

SEP 21 1981

REFERENCE 5
SITE NAME Bee Chemical Company
SITE ID ILDC05229448

ILL. E.P.A. - D.L.P.C.
STATE OF ILLINOIS

E.P.A. - D.L.P.C.
STATE OF ILLINOIS



New Application ☒
Renewal ☐
Additional Site ☐

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
SPECIAL WASTE DISPOSAL APPLICATION

FOR AGENCY USE Log # 12188
THIS APPLICATION FOR WASTE:
Treatment ☐
Disposal ☐
Storage ☐

CARD TYPE 9-14-81 L P S W C AUTHORIZATION NUMBER 997227 TRANS CODE 0 DATE ENTERED (Agency Use) 09, 21, 81

WASTE HAULER

HAULER REGISTRATION NUMBER 0079 NAME MIR FRANK INC
ADDRESS 201 W 15TH ST COMMUNITY SOUTH HOLLAND
COUNTY COOK STATE IL ZIP 60473 AREA CODE 312 TELEPHONE 596-3377

WASTE GENERATOR

GENERATOR CODE 0311590004-G NAME BEE CHEMICAL CO.
ADDRESS 2700 E 170TH ST COMMUNITY LANSING
COUNTY COOK STATE IL ZIP 60438 AREA CODE 312 TELEPHONE 474-7000
GENERATOR CONTACT NAME ROSS PARRISH
DUNS NUMBER _____ SIC CODE _____ USEPA GEN. CODE IL DCO522944S

PROCESS NAME _____

WASTE CHARACTERISTICS

GENERIC WASTE NAME ORGANIC SOLVENTS
IUPAC WASTE NAME KEY COMPONENTS ESTIMATED
TOTAL ANNUAL WASTE VOLUME 275000 VOLUME UNITS 2 WASTE PHASE 3
TRANSPORT FREQUENCY 3 WASTE CLASS 40
1 = ONE TIME 5 = MONTHLY 1 = CUBIC YARDS 1 = SOLID
2 = DAILY 6 = BI-MONTHLY 2 = GALLONS 2 = SEMI-SOLID
3 = WEEKLY 7 = QUARTERLY 3 = LIQUID
4 = BI-WEEKLY 8 = SEMI-ANNUALLY 4 = GAS

(Code either "1" for Low, "2" for Medium, or "3" for High as appropriate for columns 21 through 26):

INHALATION TOXICITY _____ DERMAL TOXICITY _____ INGESTIVE TOXICITY _____ INFECTIOUS _____ REACTIVITY _____ EXPLOSIVE _____
FLASH POINT 25°F ALPHA RADIATION _____ (pCi/L) _____ COMPOSITION 1
1 = ORGANIC
2 = INORGANIC

PERCENT ACIDITY	PERCENT ALKALINITY	PH	PERCENT TOTAL SOLIDS	KEY COMPONENT NAME	PERCENT
1	25	47	25	ACETONE	25
3	15	47	15	TOLUOL	15
5	35	47	35	WASTE RESIDUS	35
2	15	47	15	MER	15
4	15	47	15	XYLOL	15
6	15	47	15	WATER	15

USEPA HAZARDOUS WASTE NO. F.O.O.5
(If Hazardous)

RECEIVED

RECEIVED

SEP 21 1981

REFERENCE 5
SITE NAME Bee Chemical Company
SITE ID 110005 229448

ILL. E.P.A. - D.L.P.C.
STATE OF ILLINOIS

E.P.A. - D.L.P.C.
STATE OF ILLINOIS

CARD TYPE DATE 7 0 6 7 1 P S W C AUTHORIZATION NUMBER 8 13 TRANS CODE 14 DATE ENTERED (Agency Use) 15 16 / 17 18 / 19 20

WASTE CHARACTERISTICS

METAL KEY	TOTAL	(PPM)	EP TOXICITY	(PPM)	METAL KEY	TOTAL	(PPM)	EP TOXICITY	(PPM)
CN	21	28	30 31	38	Cu	39	41	48 49	56
Ag					Hg				
As					Ni				
Ba					Pb				
Cd					Se				
Cr					Zn				
PHENOL					S				
ENDRIN					2 - 4 D				
LINDANE					2,4,5 - TP				
METHOXYCHLOR					TOXAPHENE				

LABORATORY NAME

CERTIFICATION NUMBER

REVIEWED BY: MAHI

SITE CODE

SITE NAME

DISPOSAL METHOD

NEUTRALIZATION METHOD

SIGNATURE

(SITE OWNER)

SIGNATURE

(SITE OPERATOR)

STATUS

START DATE

EXPIRATION DATE

SITE CODE

SITE NAME

DISPOSAL METHOD

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(SITE OWNER)

SIGNATURE

(SITE OPERATOR)

STATUS

START DATE

EXPIRATION DATE

RECEIVED

SEP 21 1981

STATE OF ILLINOIS



Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

217/782-5760

October 15, 1981

Waste Stream Authorization Number 997227

Application Received @ IEPA: 09/21/81 Waste Stream Authorization Expires: 12/11/82

American Chemical Service

Address: Post Office Box 190

420 South Colfax Avenue

Griffith, Indiana 46319

Waste Name: Organic Solvents

Waste Classification: Hazardous

Waste Generator: Bee Chemical Company

IEPA Generator No.: 0311590004

Waste Generated At: 2700 East 170th Street

Lansing, Illinois 60438

Disposal Site: American Chemical Service

IEPA Site No.: 91809902

Annual Volume Authorized: 275,000 Gallons

Disposition of Waste: Solvent Recovery

This is a Waste Stream Authorization issued pursuant to the Illinois Pollution Control Board's Chapter 9 Special Waste Hauling Regulations* which requires tracking of all special wastes originating in and seeking treatment, storage or disposal outside of Illinois. In order to transact business lawfully in Illinois, all Illinois generators and/or licensed waste haulers of special waste, that cause or allow special waste to be transported out-of-state for treatment, storage or disposal, must insure compliance with the above mentioned Special Waste Hauling Regulations including but not limited to Rules 301, and 501 of said Special Waste Hauling Regulations.

Rama K. Chaturvedi

Rama K. Chaturvedi, P.E.
Manager
Special Waste Unit
Residual Management Section
Division of Land/Noise Pollution Control

RKC:MAH:niam/2072c/33

cc: Bee Chemical Company
Mr. Frank, Inc.
Region

* Copies of these regulations are available through Illinois Pollution Control Board, 309 West Washington, Chicago, Illinois 60605

REFERENCE 6
SITE NAME Bee Chemical Co.
SITE ID ILD005229448

1L
BEE CHEMICAL COMPANY

Headquarters:
2700 E. 170th Street
Lansing, Illinois 60438
Phone (312) 474-7000
TWX 910-651-0591

RECEIVED

September 21, 1983

SEP 26 1983

WASTE MANAGEMENT BRANCH
EPA REGION V

RCRA ACTIVITIES
Region V
P.O. Box A-3587
Chicago, Illinois 60690-3587

RECEIVED

OCT 11 1983

USEPA ID. NO. ILD-005-229-448-PA) G, TRS

EPA - OLC
STATE OF ILLINOIS

RE: Permit Application Withdrawal Letter
(Insufficient Information)

Bee Chemical Company has not, at anytime since November 19, 1980, treated, stored for more than 90 days, or disposed of hazardous waste subject to 40-CFR-265.

As indicated in our letter of December 19, 1980, Bee Chemical Company discontinued plans for future treatment of spent tank washing solvent. These materials are still sent off-site to a reclaimer and returned to us as clean washing solvent.

Please withdraw Bee Chemical Company's application for a Hazardous Waste Permit.

Sincerely,

BEE CHEMICAL COMPANY

R. K. Sohrbeck

Rod Sohrbeck
Vice President of Manufacturing

RS:jjg

cc: K. Steuer

RECEIVED
9/26/83